



## K. S. INSTITUTE OF TECHNOLOGY

### DEPARTMENT OF COMPUTER SCIENCE AND ENGINEERING - ICB

**Name of the Lab** : Ability Enhancement Laboratory

**Location** : NB-309

**Name of the Lab In-charge** : Mr Kushal Kumar B N

**Name of the Instructor** : Ms Pooja

**Lab Details:**

SL.NO	NAME OF THE LAB	SEM	NO. OF STUDENTS PER BATCH	LAB UTILIZATION PER WEEK	LAB MANUAL LINK
1	Technical Writing using Latex Lab/Cyber Security Lab/Vulnerability Assessment and Penetration Testing Lab/Generative AI /Project Work	IV/VI	33	20 Hours-PCC 2022 Scheme	Technical Writing using Latex Lab/ Cyber Security Lab/ Vulnerability Assessment and Penetration Testing Lab/ Generative AI <a href="https://drive.google.com/drive/u/1/folders/1zn8A5oSVsr5vg01bfFPn4i7f87loP-oM">https://drive.google.com/drive/u/1/folders/1zn8A5oSVsr5vg01bfFPn4i7f87loP-oM</a>

**Major Equipment in the Laboratory:**

SL.NO	NAME	QUANTITY
1.	HP	40



**Description:**

This lab has a **total area of 118.5 sq. m.** It is utilized by 1<sup>st</sup> semester students for learning concepts of Computer Programming during the Odd semester of the academic calendar. During Even semester the lab is used by 4<sup>th</sup> and 6<sup>th</sup> semester students to understand concepts of Computer Programming.

**Ambiance:**

This lab has projector for aid of presentations and program logic explanations. It is provided with uninterrupted power supply with aid of UPS capacity of 30KVA. White/black board, notice boards, Display boards, Instruction Boards (Do's and Don'ts), Experiment charts, Lab programs list, Lab Layouts, Vision and Mission board, PEO and PSO board are displayed in laboratory. Laboratory manuals are maintained for reference. The lab also contains Shoe Racks and Bag Racks for student convenience.

**Safety:**

General Rules of Conduct in Laboratories are displayed. Electrical maintenance such as electrical ports, switches, network cables, lights and fans are serviced. Any failure in components is timely serviced. e-Waste is periodically handed over to "E-Parisaraa Pvt Ltd", which is a government authorized electronic waste recycler. Safety aids available in the laboratory are Fire Wall, First aid Kit and Fire extinguisher.